

ASAP

PRELIMINARY ISSUE




Work Order ID 62420






Wednesday, September 29, 2010 3:40:02 PM

Item ID:	D4176-3	Accept		Setup	Start	
Revision ID:	PRELIM					
Item Name:	429 Clamp, Bottom				Stop	
Start Date:	9/29/2010	Start Qty:	1.00			
Required Date:	10/21/2010	Req'd Qty:	1.00			
Reference:						

Cust Item ID:
Customer:



Approvals:	Process Plan:		Date:	10-9-29	Tooling:		Date:		Run	Start	
	QC:		Date:		SPC (Y/N):		Date:			Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4176	PA1								
100		0.00							
									
Waterjet	Memo	0.00							
FLOW CNC Waterjet	1-Cut as per Dwg								
304 .080	Dwg Rev: 								
	Prog Rev: 								
	2-Deburr if necessary								
110	QC2- Inspect parts off machine FAI/FAIB	0.00							
									
QC	Memo	0.00							
Quality Control									

10-9-30

10-9-30

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY
CS 10/10/04

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 62420

Wednesday, September 29, 2010 3:40:02 PM



Page 2

Item ID: D4176-3

Accept



Setup Start



Revision ID: PRELIM

Item Name: 429 Clamp, Bottom

Stop



Start Date: 9/29/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 10/21/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

QC8- Inspect parts - second check

0.00 - inspected to PA1



QC

Memo

0.00

Dug only
8/10/10/01 (72)

Quality Control

130

Form as per dwg

0.00



Brake NC

Memo

0.00

SB 10/10/04



Brake NC

140

QC5- Inspect part completeness to step on W/O

0.00 - measured to PA1 Dug



QC

Memo

0.00

only
Didn't test fit
on!

8/10/10/04 (42)

Quality Control

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Wednesday, September 29, 2010 3:40:07 PM

Page 1

Work Order ID: 62420

Parent Item: D4176-3

Parent Item Name: 429 Clamp, Bottom


Start Date: 9/29/2010

Required Date: 10/21/2010

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.09.29 new issue DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S14GA  304SS sheet .080		Purchased	No			100	sf	105.8108	0.0025	0.002632		605	

Location

MAT20

113295

Loc Qty

105.8108

105.8108

Loc Code

113295

1810-9-30

②

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

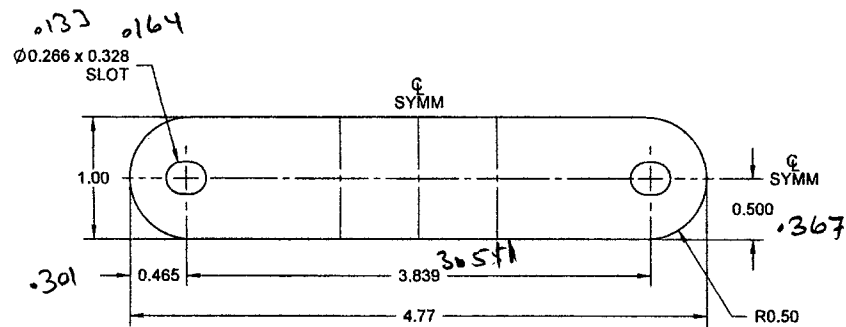
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

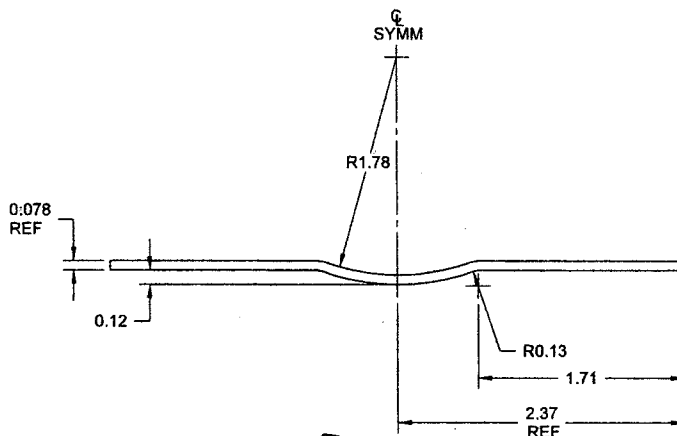
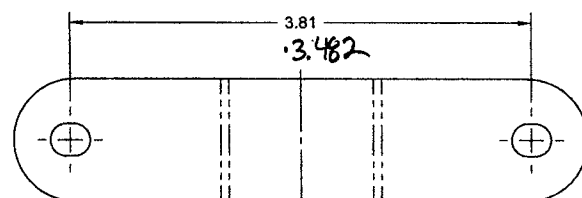
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

SHOP COPY
 RETURN TO
 ENGINEER
 CONTROL
 SUBJECT TO
 WITHOUT
 WORK ORDER
 NO. 78109-29



D4176-3F 429 BOTTOM CLAMP FLAT PATTERN

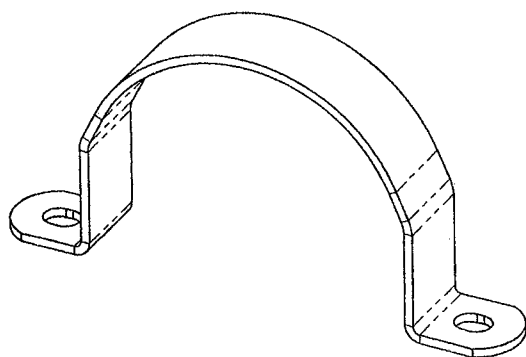


D4176-3 429 CLAMP, BOTTOM
 (MAKE FROM D4176-3F)

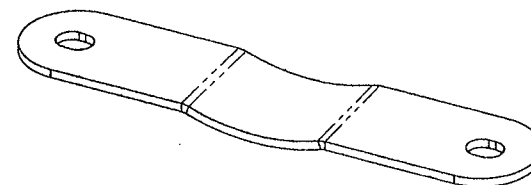
PRELIMINARY ISSUE

10.09.27

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. PA1
MFG. APPR.		D4176	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		429 CLAMP	NTS
DATE	10.09.27	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



D4176-1 429 CLAMP, TOP



D4176-3 429 CLAMP, BOTTOM

w/o 62420

3

PRELIMINARY ISSUE

10.09.27

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET ANNEALED 2B FINISH, 14 GAUGE (0.078 THICK)
PER AMS 5513 (304) OR 5524 (316) OR ASTM A240 OR ASME SA240
REF. DART SPEC. M304S14GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4176-1" PER QSI 044 6.1
- 7) WEIGHT:
- D4176-1 = 0.12 lbs
- D4176-3 = 0.08 lbs

PA1	NEW ISSUE	MB	10.09.27
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. PA1
MFG. APPR.		D4176	SHEET 1 OF 3
APPROVED		TITLE	SCALE
DE APPR.		429 CLAMP	NTS
DATE	10.09.27	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. IT IS TO BE SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

Receiving Report

Date: 9/4/27
 Supplier: MAGNA

Batch No: 2113295
 Dart P/O: 10809

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒ N/A ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection ☒ N/A ☐
 Work Order 0214630 N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: 9/11/30
 Date
 Received/Costing [Signature]
 Initial

Location _____

Purchase Order Receipt Listing

Page 1 of 1

November 30, 2009 7:51:48 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO10809 Receipt Dates from 11/30/2009 to 11/30/2009 All Line Item Types

All Item ID/GL/WOs ~~All Rec. Employees~~ All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-MAG002	Magna Stainless								
PO10809	1		M304S14GA	sf	11/24/2009	11/30/2009	160.0000	\$7.50	0.0000	0	\$1,200.00
CAD	No		304SS sheet .080 113295	sf	160.0000	Stores		\$1,200.00	0.0000	0	
	2		M304S16GA	sf	11/24/2009	11/30/2009	320.0000	\$5.31	0.0000	0	\$1,700.00
	No		304/316 Sheet .063 113295	sf	320.0000	Stores		\$1,700.00	0.0000	0	
	3		M304R1.750	f	11/24/2009	11/30/2009	12.1000	\$20.58	0.0000	0	\$249.05
	No		304 ROUND BAR 1.750 113295	f	12.0000	Stores		\$249.05	0.0000	0	
	4		M303R0.750	f	11/24/2009	11/30/2009	12.1000	\$3.83	0.0000	0	\$46.38
	No		303 Round Bar 0.750 113295	f	12.0000	Stores		\$46.38	0.0000	0	
Total Received Quantity:										504.2000	
Total Qty to Inspect (PO U/M):										0.0000	
Total Reject Quantity:										0.0000	
Total Receipt Value:										\$3,195.44	
Total Balance Due Quantity:										0.0000	

MAGNA

Magna Stainless

5775 Kieran St, Saint-Laurent, Quebec H4S 0A3
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105



PACKING LIST

Page 1 of 1

I020078

SOLD TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET

SHIP TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET

HAWKESBURY ON
K6A 1K7
Contact: CHANTAL

HAWKESBURY ON
K6A 1K7
Ship Terms: PREPAID

MTR:Y

SPECIAL INSTRUCTIONS

Currency		Sales Person	Customer Phone	Customer Fax	Customer PO	
CANADIAN DOLLARS		ERYCK BLAIS	(613) 632-5200	(613) 632-1053	P010809	
Sales Order	Terms		Ship Via	Date Ordered	Date Required	Date Shipped
W021806	NET 30 DAYS		NIR:R-557065-1	11/20/09	11/27/09	11/27/09

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
1		PC	STAINLESS ROUNDS SRB 304 1-3/4" x R/L 12'10" 100 LB / 1 PC	L029520	79354	1
1		PC	SRB 303 3/4" x R/L 12'1" 20 LB / 1 PC	L031096	423312	1
5		PC	STAINLESS SHEET SSH 304 2B 14ga x 48" x 96" 525 LB / 5 PC	C030389	829393	5
10		PC	MUST USE HT # 829393 SSH 304 2B 16ga x 48" x 96" 840 LB / 10 PC	A030388	829394	10
Bundles: 1			Skids: 1	Approx Weight:		1,485 LB

Received by: _____ Date: _____ Signature: _____

PO05349 - 829393

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL 6168-3 908

CUST. ORD. NO. & DATE 05349		CUST. CODE 06/05/09	ACCEPTING MILL 574738	SHIPPER NO. VANDERGRIFF, PA. 427038	PRODUCT CODE 13020102060000	MILL ORDER NUMBER 30-069-202	DATE SHIPPED 08/06/09
FORMS DISTRIBUTION SOLD TO MAGNA STAINLESS 5775 KIERAN ST. QUEBEC CANADA H4S 0A3 SAINT-LAURENT		REPEAT ORDER 94045-0	DO RATE 28	GOVT CONTRACT 7219.14.0000	MAT'L 1121	SHIPPING LOCATION VANDERGRIFF PA	INVOICE 668451
SOLD TO MAGNA STAINLESS 5775 KIERAN ST. QUEBEC CANADA H4S 0A3 SAINT-LAURENT		PRIME DSO	SEC. DSO	COILEX 1450 GRAHAM BELL QUEBEC ZIP CODE: J4B 6H5 BOUCHERVILLE CN	SHIP TO		

8/9/14/30

GRADE AND SPECIFICATIONS
ALLEGHENY STAINLESS STEEL TYPE 304 SHEET C R COILS ANNEALED 2B FIN 3 EDGE (ASTM-A-240-09A) (ASTM-A-370-09)

ITEM	PCS	DIMENSIONS W/G/L	HEAT #	COIL #	TEST #	GROSS	TARE	NET	THEO	TAG #/	CD	SKID #
001	1	48./075/2021.	829393	07109N172	8763075	21130	50	21080		651551		
C CUST IDENTITY 304B075X48												
1 SKID												
						21130	50	21080				

ORDER REMARKS: EXW - EXCEPT VAT AND OTHER APPLICABLE LOCAL TAXES WHICH ARE THE RESPONSIBILITY OF THE BUYER

TYPE HEAT/TEST	--C--	--MN--	--P--	--S--	--SI--	--CR--	--NI--	--N--
HEAT 829393	.05	.97	.033	.0005	.44	18.2	8.1	.07

ITEM TEST NO	YIELD PSI *	TENSILE PSI	% ELONG IN 2"	% R/A	HARDNESS 83.HRBW	BEND NR	GRAIN SIZE NR	HARDENABILITY NR
001 8763075	T 48000.	92500.	55.	NR	84.HRBW	NR	NR	NR
* Y.S. BY 0.2% OFFSET METHOD								

NR = DATA NOT REQUIRED
GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY

PAGE 01 - CONTINUED ON PAGE 02

08/06/09 11:37:26

CONSIGNEE - Please Note - This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy phone 724-226-6577. CAUTION Processing that makes fumes, dust, or solutions may cause lung disease. See Material Safety Data Sheets for further information.

WARNING

Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires veuillez téléphoner au numéro suivant 724-226-6577. Attention: les traitements entraînant la production de vapeurs, poussières, ou solutions peuvent être cause de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information-sécurité.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgment.

Troy McFarland
Director, Corporate Quality Assurance

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL 6168-3 808

CUST. ORD. NO. & DATE		CUST. CODE		ACCEPTING MILL		SHIPPER NO.		PRODUCT CODE		MILL ORDER NUMBER		DATE SHIPPED	
05349		06/05/09 574738		VANDERGRIFF, PA.		427038		13020102060000		30-069-202		08/06/09	
FORMS DISTRIBUTION		REPEAT ORDER		GOVT CONTRACT		MAT'L		SHIPPING LOCATION		INVOICE			
SOLD TO		94045-0		28		7219.14.0000		1121 VANDERGRIFF		PA		668451	
MAGNA STAINLESS		PRIME		SEC.		COILEX		SHIP TO					
5775 KIERAN ST.		DSO		DSO		1450 GRAHAM BELL							
QUEBEC CANADA H4S 0A3		20				QUEBEC ZIP CODE: J4B 6H5							
SAINT-LAURENT						BOUCHERVILLE							

GRADE AND SPECIFICATIONS

CARRIER - CUSTOMER TRUCK

ALLEGHENY STAINLESS STEEL TYPE 304 SHEET C R COILS ANNEALED 2B FIN 3 EDGE (ASTM-A-240-09A) (ASTM-A-370-09) (ASTM-A-480-09)

THIS CERTIFICATE OF TEST SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF THE COMPANY. THE RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ALC QUALITY MANUAL REVISION 17 DATED 05/12/2008. ALC HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001. DIN EN 10204:2005 - 3.1. ALLEGHENY LUDLUM IS APPROVED AS A MANUFACTURER ACCORDING TO AD-MERK BLATT WO/TRD100 AND THE PRESSURE EQUIPMENT DIRECTIVE PED 97/23/EC. TESTING WAS PERFORMED AT ALC NADCAP AND ISO/IEC 17025 APPROVED LABORATORIES LOCATED AT NATRONA HEIGHTS, BRACKENRIDGE, LATROBE, AND MIDLAND, PA FACILITIES OR A NADCAP AND ISO/IEC 17025 ACCREDITED LABORATORY.

ALLEGHENY LUDLUM PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES:

C,S BY COMBUSTION/INFRARED
N,O,H BY INERT FUSION/THERMAL CONDUCTIVITY
MN,P,SI,CR,NI,MO,CU,CB,CO,V BY WDXRF
B BY OES
AL AND TI (>=0.10%) BY WDXRF, OTHERWISE BY OES
PB,BI,AG BY GFAA

FOR ACCESS TO ONLINE CERTIFICATES OF TEST
REGISTER AT WWW.ALCEXTRA.COM

PAGE 02 - FINAL PAGE.

08/06/09 11:37:26

CONSIGNEE - Please Note - This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy phone 724-226-6577. CAUTION: Processing that makes fumes, dust, or solutions may cause lung disease. See Material Safety Data Sheets for further information.

WARNING

Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires veuillez téléphoner au numéro suivant 724-226-6577. Attention: les traitements entraînant la production de vapeurs, poussières, ou solutions peuvent être cause de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information-sécurité.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgement.

Tracy McFarland
Director, Corporate Quality Assurance

PO05349 - 829394

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL 6168-3 908

CUST. ORD. NO. & DATE 05349		CUST. CODE 06/05/09 574738		ACCEPTING MILL VANDERGRIFF, PA.		SHIPPER NO. 427038		PRODUCT CODE 13020102060000		MILL ORDER NUMBER 30-069-187		DATE SHIPPED 08/06/09	
FORMS DISTRIBUTION SOLD TO 1		REPEAT ORDER 94045-0		DO RATE 28		GOVT CONTRACT 7219.14.0000		MATERIAL 1121 VANDERGRIFF		SHIPPING LOCATION PA		INVOICE 668450	
MAGNA STAINLESS 5775 KIERAN ST. QUEBEC CANADA H4S 0A3 SAINT-LAURENT		PRIME SEC. DSO DSO 20		COILEX 1450 GRAHAM BELL QUEBEC ZIP CODE: J4B 6H5 BOUCHERVILLE		SHIP TO CN							

807/4/30

GRADE AND SPECIFICATIONS
ALLEGHENY STAINLESS STEEL TYPE 304 SHEET C R COILS ANNEALED 2B FIN 3 EDGE (ASTM-A-240-09A) (ASTM-A-370-09)
(ASTM-A-480-09)

ITEM	PCS	DIMENSIONS W/G/L	HEAT #	COIL #	TEST #	GROSS	TARE	NET	THEO	TAG #/	CD	SKID #
001	1	48./060/2149.	829394	07099N793	8763049	20670	50	20620		651358		
		C CUST IDENTITY 304B060X48										
		1 SKID				20670	50	20620				

ORDER REMARKS: EXW - EXCEPT VAT AND OTHER APPLICABLE LOCAL TAXES WHICH ARE THE RESPONSIBILITY OF THE BUYER

TYPE HEAT/TEST	--C--	--MN--	--P--	--S--	--SI--	--CR--	--NI--	--N--
HEAT 829394	.06	.95	.034	.0003	.47	18.2	8.1	.06

ITEM TEST NO	YIELD PSI *	TENSILE PSI	% ELONG IN 2"	% R/A	HARDNESS	BEND	GRAIN SIZE	HARDENABILITY
001 8763049								
	T 45500.	94000.	58.	NR	83.HRBW	NR	NR	NR
	* Y.S. BY 0.2% OFFSET METHOD							

NR = DATA NOT REQUIRED
GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY

PAGE 01 - CONTINUED ON PAGE 02

08/06/09 11:37:26

CONSIGNEE - Please Note - This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy phone 724-226-6577. CAUTION: Processing that makes fumes, dust, or solutions may cause lung disease. See Material Safety Data Sheets for further information.

WARNING Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires veuillez téléphoner au numéro suivant 724-226-6577. Attention: les traitements entraînent la production de vapeurs, poussières, ou solutions peuvent être cause de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information-sécurité.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgement.

Tracy McFarland
Director, Corporate Quality Assurance

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL 6168-3 908

CUST. ORD. NO. & DATE		CUST. CODE		ACCEPTING MILL		SHIPPER NO.		PRODUCT CODE		MILL ORDER NUMBER		DATE SHIPPED	
05349		06/05/09		574738		VANDERGRIFF, PA.		427038		13020102060000		30-069-187	
FORMS DISTRIBUTION		REPEAT ORDER		DO RATE		PRL ORITY		GOVT CONTRACT		MATERIAL		SHIPPING LOCATION	
SOLD TO		94045-0		28		7219.14.0000		1121		VANDERGRIFF		PA	
MAGNA STAINLESS		PRIME		SEC.		DSO		DSO		SHIP TO		668450	
5775 KIERAN ST.		DSO		DSO		COILEX		1450 GRAHAM BELL		QUEBEC ZIP CODE: J4B 6H5		BOUCHERVILLE	
QUEBEC CANADA H4S 0A3		20											
SAINT-LAURENT													

GRADE AND SPECIFICATIONS CARRIER - CUSTOMER TRUCK
ALLEGHENY STAINLESS STEEL TYPE 304 SHEET C R COILS ANNEALED 2B FIN 3 EDGE (ASTM-A-240-09A) (ASTM-A-370-09)
(ASTM-A-480-09)

THIS CERTIFICATE OF TEST SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF THE COMPANY. THE RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ALC QUALITY MANUAL REVISION 17 DATED 05/12/2008. ALC HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001. DIN EN 10204:2005 - 3.1. ALLEGHENY LUDLUM IS APPROVED AS A MANUFACTURER ACCORDING TO AD-MERK BLATT WO/TRD100 AND THE PRESSURE EQUIPMENT DIRECTIVE PED 97/23/EC. TESTING WAS PERFORMED AT ALC NADCAP AND ISO/IEC 17025 APPROVED LABORATORIES LOCATED AT NATRONA HEIGHTS, BRACKENRIDGE, LATROBE, AND MIDLAND, PA FACILITIES OR A NADCAP AND ISO/IEC 17025 ACCREDITED LABORATORY.

ALLEGHENY LUDLUM PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES:

C,S BY COMBUSTION/INFRARED
N,O,H BY INERT FUSION/THERMAL CONDUCTIVITY
MN,P,SI,CR,NI,MO,CU,CB,CO,V BY WDXRF
B BY OES
AL AND TI (>=0.10%) BY WDXRF, OTHERWISE BY OES
PB,BI,AG BY GFAA

FOR ACCESS TO ONLINE CERTIFICATES OF TEST
REGISTER AT WWW.ALCEXTRA.COM

PAGE 02 - FINAL PAGE.

08/06/09 11:37:26

CONSIGNEE - Please Note - This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy phone 724-226-6577. CAUTION: Processing that makes fumes, dust, or solutions may cause lung disease. See Material Safety Data Sheets for further information.

WARNING
Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires veuillez téléphoner au numéro suivant 724-226-6577. Attention: les traitements entraînant la production de vapeurs, poussières, ou solutions peuvent être cause de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information-sécurité.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgement.

Tracy McFarland
Director, Corporate Quality Assurance



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO10809**

Purchase Order Date 11/20/09

PO Print Date 11/20/09

Page Number 1 of 2

Order From :

VC-MAG002

MAGNA STAINLESS
5775 RUE KIERAN
ST LAURENT, QC H4S 0A3
CA

FAKED
C-911-D

Contact Name

Vendor Phone

800 363 6646

Vendor Fax

514 339 1105

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7.
CANADA

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
Vendor Part Number							
1	M304S14GA	304SS sheet .080	11/24/09 Yes	✓ 160.00 sf	Yours ppd	\$7.5000	\$1,200.00
Special Inst: MATERIAL: AISI 304/316 SS SHEET ANNEALED 2B FINISH ASPER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240							
2	M304S16GA	304/316 Sheet .063	11/24/09 Yes	✓ 320.00 sf	Yours ppd	\$5.3125	\$1,700.00
Special Inst: AS ABOVE							
3	M304R1.750	304 ROUND BAR 1.750	11/24/09 Yes	12.00 f	Yours ppd ✓ NCC 12/10 Cory/son	\$20.5830	\$247.00
Special Inst: MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 (NOTE: 303 NOT ACCEPTABLE)							

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr:

1

Change Date: 11/20/09



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO10809**

Purchase Order Date 11/20/09

PO Print Date 11/20/09

Page Number 2 of 2

Order From :

VC-MAG002

MAGNA STAINLESS
5775 RUE KIERAN
ST LAURENT, QC H4S 0A3
CA

Contact Name

Vendor Phone 800 363 6646

Vendor Fax 514 339 1105

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

4

M303R0.750

303 Round Bar 0.750

11/24/09

Yes

✓ 12.00 Yours ppd

\$3.8333

\$46.00

f REC 12-10 / 09/11/27

Special Inst: MATERIAL: AISI 303 ROUND BAR
(NOTE: AISI 304/316 NOT ACCEPTABLE)

PO Total:

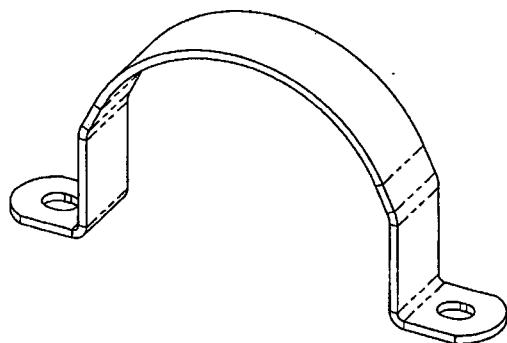
\$3,193.00

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

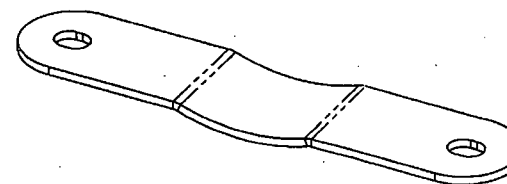
Change Nbr: 1

Change Date: 11/20/09

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable



D4176-1 429 CLAMP, TOP



D4176-3 429 CLAMP, BOTTOM

RELEASED
2010-10-03
MM

NOTES:

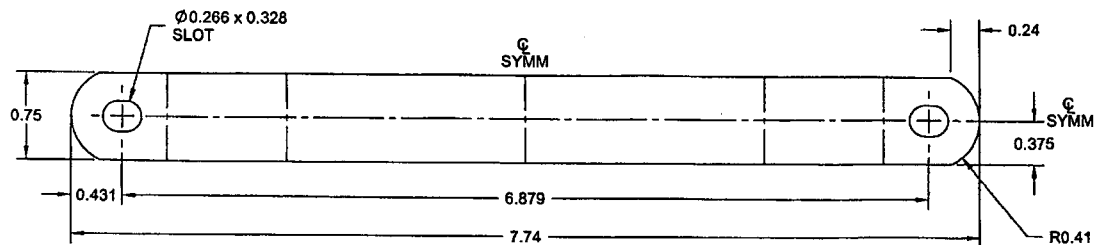
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET ANNEALED 2B FINISH, 14 GAUGE (0.078 THICK)
PER AMS 5513 (304) OR 5524 (316) OR ASTM A240 OR ASME SA240
REF. DART SPEC. M304S14GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4176-X" PER QSI 044 6.1
- 7) WEIGHT:
 - D4176-1 = 0.12 lbs
 - D4176-3 = 0.08 lbs

A NEW ISSUE		MB 10.09.27	
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.09.27		

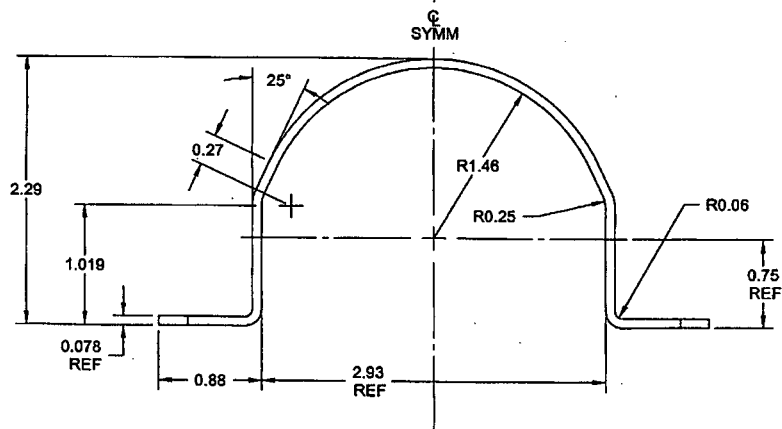
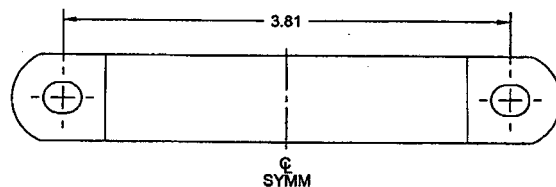
DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. REV. A
D4176 SHEET 1 OF 3
TITLE SCALE
429 CLAMP NTS

COPYRIGHT © 2010 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR TRANSMITTED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD.



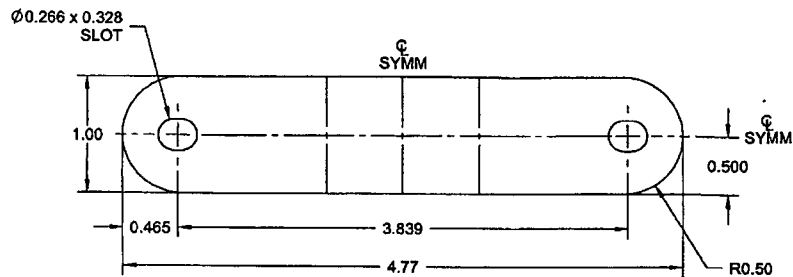
D4176-1F 429 TOP CLAMP FLAT PATTERN



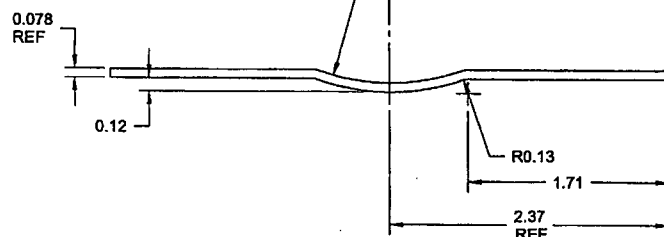
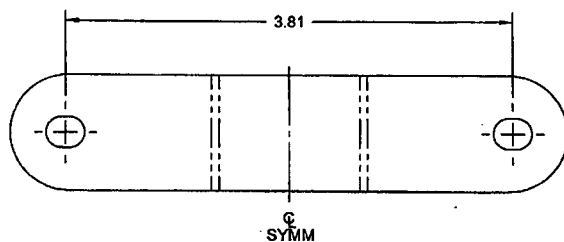
D4176-1 429 CLAMP. TOP
(MAKE FROM D4176-1F)

RELEASED
2010-10-03
JW

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO. D4176	REV. A
MFG. APPR.			SHEET 2 OF 3
APPROVED		TITLE 429 CLAMP	SCALE
DE APPR.			NTS
DATE	10.09.27	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR DISSEMINATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



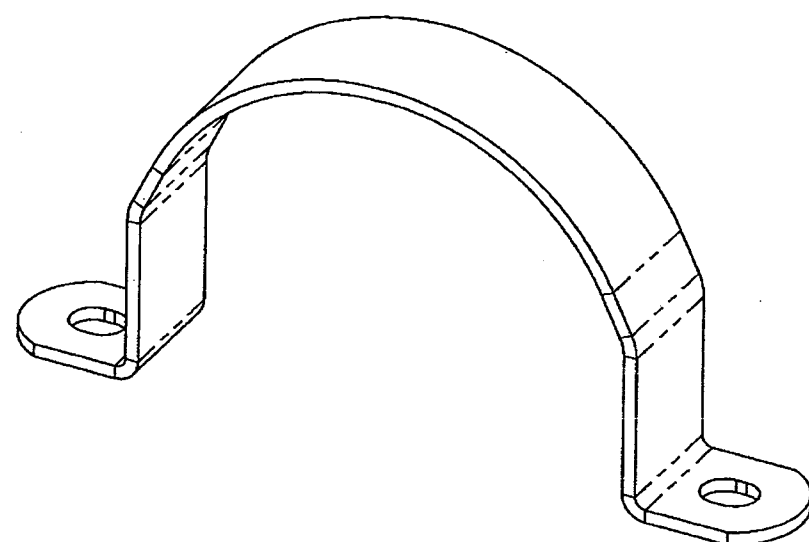
D4176-3F 429 BOTTOM CLAMP FLAT PATTERN



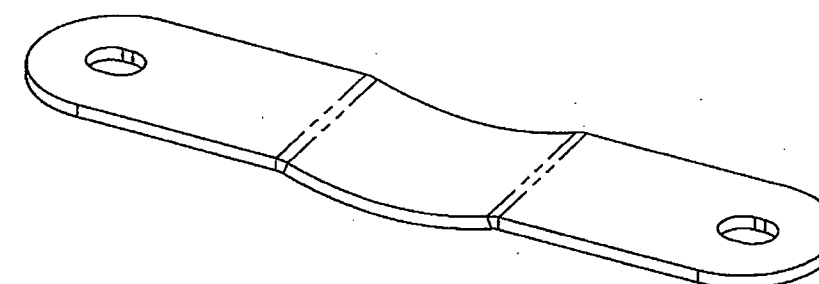
D4176-3 429 CLAMP, BOTTOM
(MAKE FROM D4176-3F)

RELEASED
2010-10-07
MD

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4176	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		429 CLAMP	NTS
DATE	10.09.27	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



D4176-1 429 CLAMP, TOP

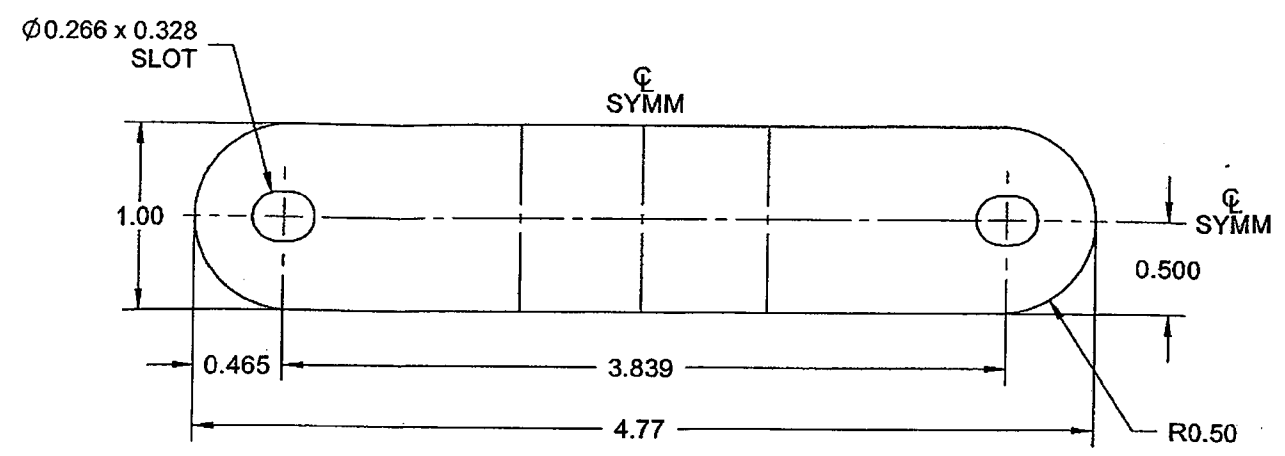


D4176-3 429 CLAMP, BOTTOM

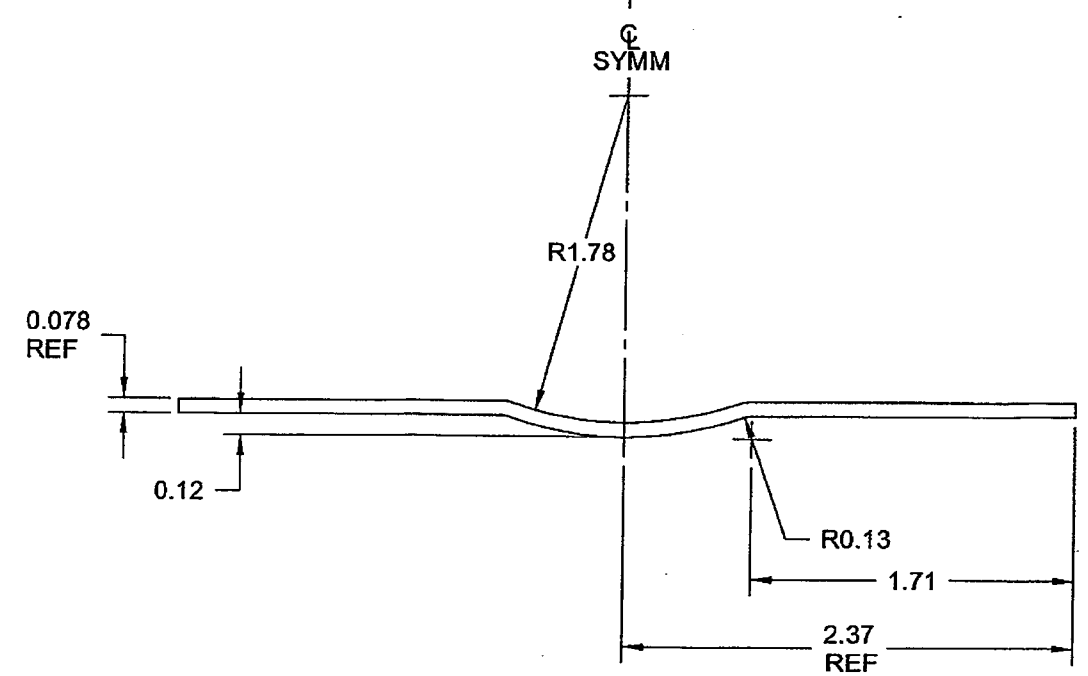
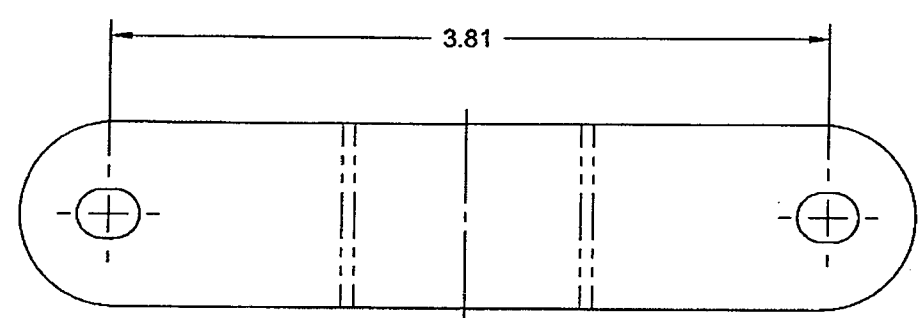
RELEASED
2010-10-07
MB

- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET ANNEALED 2B FINISH, 14 GAUGE (0.078 THICK)
PER AMS 5513 (304) OR 5524 (316) OR ASTM A240 OR ASME SA240
REF. DART SPEC. M304S14GA
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4176-X" PER QSI 044 6.1
 - 7) WEIGHT:
 - D4176-1 = 0.12 lbs
 - D4176-3 = 0.08 lbs

A	NEW ISSUE	MB	10.09.27
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4176	SHEET 1 OF 3
APPROVED		TITLE	SCALE
DE APPR.		429 CLAMP	NTS
DATE	10.09.27	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



D4176-3F 429 BOTTOM CLAMP FLAT PATTERN



D4176-3 429 CLAMP, BOTTOM
(MAKE FROM D4176-3F)

RELEASED
2010-10-07
MP

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO. D4176	REV. A
MFG. APPR.			SHEET 3 OF 3
APPROVED		TITLE 429 CLAMP	SCALE
DE APPR.			NTS
DATE	10.09.27	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	